Dickstein Shapiro LLP (212) 277-6500 Inventor: Kosuke Naito et al.

Application No.: Not Yet Assigned
Title: Mobile Communication System

Docket No.: G0126.0249 Attorney: Michael J. Scheer

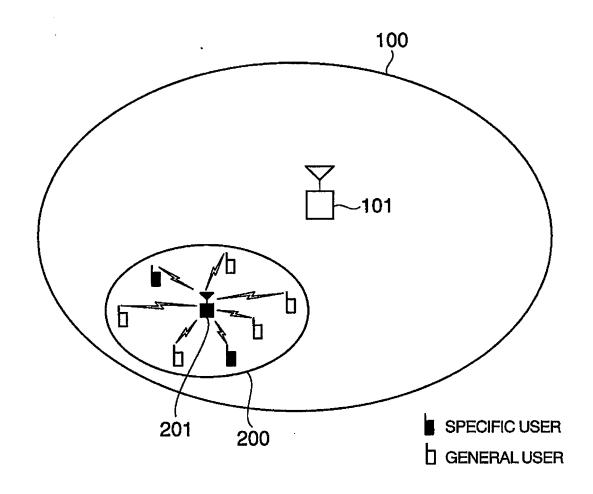


FIG. 1 RELATED ART

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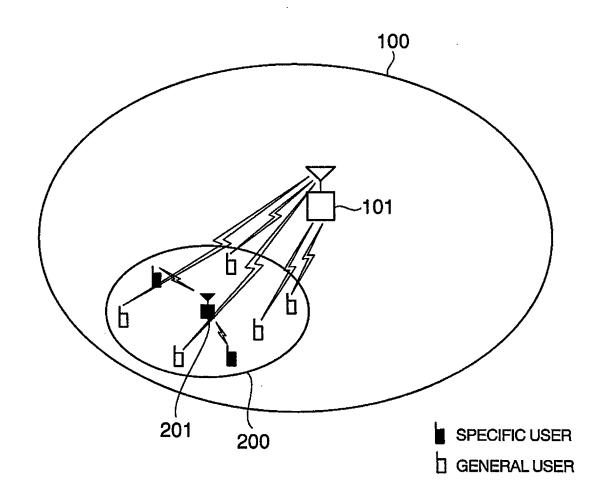


FIG. 2

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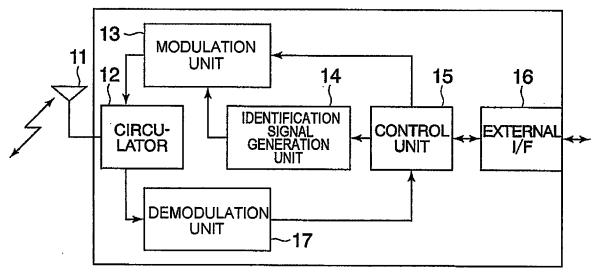


FIG. 3

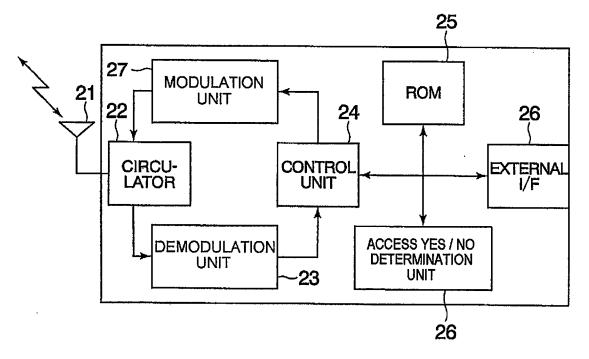


FIG. 4

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Dickstein Shapiro LLP (212) 277-6500 Inventor: Kosuke Naito et al. Application No.: Not Yet Assigned START Title: Mobile Communication System Docket No.: G0126.0249 Attorney: Michael J. Scheer **OBTAIN IDENTIFICATION SIGNAL FOR** -S1 SPECIFIC USE AND BASE STATION **IDENTIFICATION NUMBER FROM** DOWNLINK COMMON CHANNEL **S2** No **IDENTIFICATION** SIGNALIS ON? **M1 S3** Yes LIST OF BASE STATION IDENTIFICATION COMPARE RECEIVED BASE STATION IDENTIFICATION NUMBER WITH LIST OF BASE NUMBER STATION IDENTIFICATION NUMBER ACCESSTYES/NO **IDENTIFIER S4** MATCHING No Yes NUMBER IN LIST? **S5 S6 ACCESS** ACCESS No No YES/NO IDENTIFIER YES/NO IDENTIFIER IS YES? IS YES? Yes Yes **DETERMINE THAT \$7 DETERMINE THAT** - S8 **ACCESS OF THIS USE ACCESS OF THIS USE IS PERMITTED** IS NOT PERMITTED **ALL S9 IDENTIFICATION** No SIGNALS FOR SPECIFIC USE ARE **DETERMINED?** Yes

FIG. 5

END

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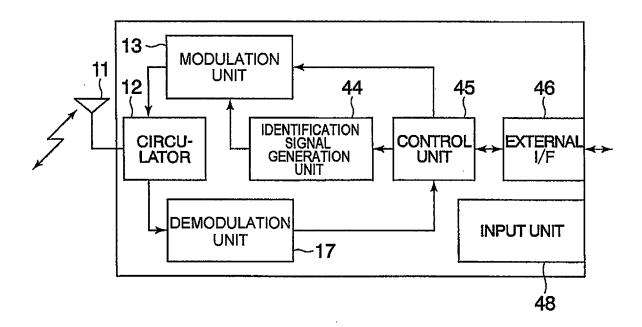


FIG. 6

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Attorney: Michael J. Scheer

BASE STATION FOR SPECIFIC USE 51-3 RELATING DATA DATABASE 55 -51-2 56 #1 DISCOUNT RELATING DATA OF #0 BASE STATION FOR SPECIFIC USE RATE CALCULATION UNIT BASE STATION DENTIFICATION NUMBER EX-TERNAL -53 LIST OF REGISTERED USERS 54-1 I/F 51-1 MOBILE СОММОИ USING INFORMATION LINE CONTROL CATION NETWORK OF BASE STATION UNIT TOTAL TIME OF IDENTIFICATION SIGNAL ON FOR SPECIFIC USE LINE USING TIME COUNTER UNIT 52 COMMUNICATION TOTAL USING TIME PACKET NUMBER COUNTER UNIT OF GENERAL USER TOTAL AMOUNT OF USING PACKET OF CONT-**GENERAL USER** 54-2 54

FIG. 7